VERTICAL SAMPLING IS REQUIRED AT EACH REQUESTED LOCATION AS DISCUSSED IN OUR COMMENTS TO ADDRESS THE VERTICAL DATA GAPS. THIS ALSO APPLIES TO THE PERIMTER SAMPLES PROPOSED BY ARCADIS.

Rolling Knolls Soil Sample Location Explanations

1. #1 - DATA GAP PERIMETER SAMPLE: Sample location chosen to assess potential transport/depositional area associated with a natural drainage feature

2. #2 - DATA GAP PERIMETER SAMPLE: Surface water body outlet point. Sample location chosen to assess potential area that may act as a depositional / runoff collection zone from higher elevation point

3. #3 - DATA GAP PERIMETER SAMPLE: Low elevation area. Sample location chosen to assess potential depositional zone off Northeast corner of Landfill

4. #4 – DELINEATION POINT in low elevation area: Sample location chosen to assess likely depositional zone as well as delineation point beyond SS-39 (*existing delineation samples SS-127 & SS-128 appear to be collected at a higher elevation than SS-39 which limits their use as effective delineation points*).

5. #5 – DATA GAP PERIMETER SAMPLE: Located along an East/West transect across the landfilled area (*along with #22, #28 and # 29)*. Sample location assesses a lower elevation area that likely acts as a depositional zone off the landfilled area. **(A better location for this sample may be approximately 225 feet to the S/SW of the illustrated location where this point would also function as a delineation point for SS-53 – see map)**

6. #6 - DATA GAP PERIMETER SAMPLE / DELINEATION POINT: Sample located in a low elevation area and potential depositional zone beyond SS-68 (*existing delineation samples SS-129 & SS-130 appear to be collected at a higher elevation than SS-68 which limits their use as effective delineation points*)

7. #7 – DATA GAP PERIMETER SAMPLE / DELINEATION POINT: Located along East/West transect across the landfilled area (*along with #19, #30, #31,and #35+*). Sample location for #7 chosen to also provide delineation outward from SS-155 and SS-156 for PCBs and PAHs above standards.

8. #8 – DELINEATION POINT: Delineation sample outward from PCB contamination identified in SS-157 and SS-158. Location is also in a low elevation area that likely operates as a depositional zone.

9. #9 - DATA GAP PERIMETER SAMPLE: Located along an East/West Transect across the landfilled area (*along with #17 and # 32*)

10. #10 – DELINEATION POINT: Delineation sample outward from the PCB contamination identified in SS-133 and SS-134. Sample is located in a low elevation area that likely operations as a depositional zone

11. #11 – DELINEATION POINT: Delineation sample outward from the PCB contamination identified in SS-137 and SS-138

12. #12 - DATA GAP PERIMETER SAMPLE: Sample is located in a low elevation spot along an approximate North/ South transect that includes *#26, #29, #31, #32, #33, and #34+*

13. #13 – DELINEATION POINT: Delineation sample outward from SS-123 (*existing delineation samples SS-141 & SS-142 appear to be collected at a higher elevation than SS-123 which limits their use as effective delineation points*).

14. #14 – DELINEATION POINT: Delineation point outward from the lead, arsenic and PCB contamination identified in SS-117.

15. #15 –DATA GAP PERIMETER SAMPLE / DELINEATION POINT: Sample is located in a low elevation area that like operates as a depositional zone. Sample also serves as a delineation point outward from the PAH contamination in POI-11

16. #16 – DATA GAP PERIMETER SAMPLE: Sample is located in a low elevation area that likely operates as a depositional zone outward from the contamination identified in the vicinity of SS-109 and SS-110.

17. #17 – DATA GAP PERIMETER SAMPLE / DELINEATION POINT: Sample is positioned along an East/West transect (*along a line that includes #32 and #9*). The sample is also located in in a low elevation area that likely operates as a depositional zone outward from the PCB and Lead contamination identified at SS-105.

18. #18 – DATA GAP PERIMETER SAMPLE: Sample is located in a low elevation area that likely operates as a depositional zone beyond the western portion of the landfilled area

19. #19 – DATA GAP PERIMETER SAMPLE: Sample is located along an East/ West transect across the landfilled area (*along a line that includes #30, #31, #35+, and #7*) in a likely depositional zone.

20. #20 – DELINEATION POINT: Delineation sample outward from the PAH and Lead contamination at POI-6. This point also assesses a lower elevation area beyond the western area where waste was identified at the surface.

21. #21 – DATA GAP PERIMTER SAMPLE: Sample is located in a lower elevation area to assess a likely depositional zone off the Northwestern corner of the Landfil

22. #22 – DATA GAP PERIMETER SAMPLE: Sample is located along an East/ West transect across the landfilled area (*along a line that includes #29 and #5*) in a lower elevation area that likely operates as a depositional zone

23. #23 – DELINEATION POINT: Delineation sample outward from the PAH contamination identified in SS-149 and SS-150

24. #24 – DATA GAP PERIMTER SAMPLE: Sample is located to also assess potential transport/depositional area associated with a natural drainage feature

25. #25 - DATA GAP SAMPLE: Sample is located at assumed outlet point of surface water feature that may act as a depositional / runoff collection zone from higher elevation points potentially affected by landfill related contamination

26. #26 – DATA GAP SAMPL

27. #27 – DATA GAP PERIMETER SAMPLE: Delineation sample in a lower elevation area outward from PAH contamination identified in SS-09. Location is also along a North/South transect that includes *#29, #34+, #31, #32, #33, and #12.*

28. #28 - DATA GAP SAMPLE / DELINEATION POINT: Sample is associated with a surface water body that that may act as a depositional / runoff collection zone from higher elevation points within the landfilled area. This sample will also serve as a delineation point for the PAH contamination identified in SS-152.

29. #29 – DATA GAP INTERIOR SAMPLE: Sample is located along an East/ West transect across the landfilled area along a line that includes *#22 and #5*; and along a North/South transect that includes *#27, #31, #32, #33, #34+, and #12*

30. #30 – DATA GAP INTERIOR SAMPLE: Sample is located along an East/West transect across the landfilled area along a line that includes *#19, #31, #35+, and #7.*

31. #31 – DATA GAP INTERIOR SAMPLE: Sample is located along an East/West transect across the landfilled area along a line that includes *#19, #30, #35+, and #7;* and along a North/South transect that includes *#27, #29, #34+, #32, #33, and #12.*

32. #32 – DATA GAP INTERIOR SAMPLE: Sample is located along an East/West transect across the landfilled area along a line that includes *#17 and #9;* and a North/South transect along a line that includes *#27, #29, #34+, #31, #32, #33, and #12.*

33. #33 – DATA GAP INTERIOR SAMPLE: Sample is located along a North/South transect along a line that includes *#27, #29, #34+, #31, #32, #33, and #12.*

34. #34+ - DATA GAP INTERIOR SAMPLE: Sample is located along a North/South transect along a line that includes *#27, #29, #31, #32, #33, and #12.* This sample was inadvertently left off of the original map due to a map-making error.

35. #35+ - DATA GAP INTERIOR SAMPLE: Sample is located along an East/West transect along a line that includes *#19, #30, #31, and #7*) . This sample was inadvertently left off of the original map due to a map-making error.